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INDUSTRIAL DIVISION SUGGESTIONS FOR INCLUSION IN ORR CONTRIBUTION TO THE
SEMIANNUAL REPORT TO THE PRESIDENT'S BOARD OF CONSULTANTS

1. Economic Intelligence Production

a. Soviet Long-Range Aviation

ORR made significant contributions to the National Intelligence Estimate "Main Trends in Soviet Capabilities and Policies, 1958-1963" regarding estimates of current and projected strengths of Soviet long-range nuclear striking forces.

b. East German National Intelligence Survey, No. 13A, Sec. 4, Manufacturing and Construction

ORR completed the "manufacturing and construction" section of the East German NIS.

c. Military Expenditures

ORR distributed a paper entitled "Military-Economic Expenditures of the USSR, 1955-1963" to member agencies of the USIB. This paper served as a contribution to the NIE "Main Trends in Soviet Capabilities and Policies, 1958-1963" and was the basis for briefings of various committees and subcommittees of Congress, the National Security Council, the Secretary of Defense and the Army Policy Council.

d. Electronics Industry of the USSR

A recently completed report on the Electronics Industry of the USSR demonstrates the continuing value to ORR of the [REDACTED]

25X1X1 [REDACTED] While utilizing various sources of information, this report relied heavily on information and perspective obtained from technical

25X1X1 [REDACTED] in the field of electronics equipment.

e. Guided Missiles

(1) In the reexamination of US estimates on Soviet ICBM capabilities, engaged in by the USIB in November 1959, ORR was the principal contributor on the "factors effecting operational capabilities" including production, deployment, logistics and training. In this connection, ORR also briefed the special Ad Hoc Panel of consultants, convened by Chairman, USIB to evaluate independently the Soviet ICBM program.

(2) A number of special reports were prepared by ORR evaluating the meaning and significance of statements made by Khrushchev and other Soviet officials relative to serial production of ICBMs. One of these was prepared for the Director to present to the President.

2. Major Intelligence Gaps

a. Information on Bloc military programs and expenditures, particularly with regard to missiles, aircraft and submarines, continues to represent a major intelligence gap.

b. The nature and magnitude of the long-range ballistic missile program is only one of many priority gaps. Some other specific examples are: types, production and deployment of missile guidance systems; magnitude of Soviet requirements for electronics in the reequipping of ground forces communications equipment and the retrofit of surface and airborne vehicles; the role of the Soviet aircraft industry in relation to future weapons systems; equipment needed for the Soviet atomic energy and guided missile programs; present status of the Soviet bomber BOUNDER; categories of the Soviet defense budget; and the future roles of Soviet missiles and their relation to manned aircraft in the strategic attack and air-defense missions.

3. Dissemination and Utilization of ORR Products

a. ORR continues to be the US community's major producer of intelligence on the production and deployment of guided missiles in the USSR. This intelligence has been introduced into National Intelligence through contributions to OMAIC and ONE.

b. The Department of Commerce in its role in the Coordinating Committee was given direct support through economic reports and consultation.

25X1X7 c. ORR prepared several intelligence papers for presentation at the [REDACTED] Intelligence Conferences on Soviet 25X1X7 electronics, aircraft, guided missiles, shipbuilding, and land armaments.

d. ORR continued its direct support of the targeting efforts of the Department of the Air Force by providing semiannual production estimates of selected Sino-Soviet Bloc industries.

4. Guidance to Collectors and Intelligence Collection Activities



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b. Continued guidance in the form of briefings, requirements and evaluations of reporting was rendered to intelligence collectors. The "Gaps in Intelligence" program, begun in the last review period, has resulted in succinct statements of branch priority needs being furnished to all collectors, overt and covert. Several collectors have commented quite favorably on the value of this type of guidance.

c. Meetings were held with representatives of the clandestine services to consider ORR's priority economic needs in East Germany and to rank them in a descending order of priority in terms of targets and types of information desired within each target. This list, when completed, will guide DD/P economic collection in East Germany.

d. Direct guidance by ORR to DD/P in the collection of guided missile intelligence was continued. One ORR analyst is detailed to aid the DD/P Task Force in planning covert operations in the missile field.

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e. At ORR's request, [REDACTED] has set in motion a greatly expanded collection program directed principally toward observational information on Soviet guided missile production and deployment.

25X1X6 f. Clandestine reporting on certain economic subjects has revealed [REDACTED] and has contributed information of considerable importance. In other cases, the "bits and pieces" of information obtained clandestinely, when used in conjunction with technological and organizational relationships, have made a most valuable contribution.

25X1X7 g. ORR considerably increased its direct support to the inter-
25X1A6a gation of [REDACTED] assigning one
25X1A6a guided missile intelligence specialist PCS to [REDACTED]. A second 25X1A6a
specialist has been in [REDACTED] on extended TDY, and it is anticipated
that he will also be assigned PCS. To date, these [REDACTED] sources have 25X1A2g
provided important information on guided missile production sites in
the USSR.

5. Coordination

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a. Coordination between ORR and the various [REDACTED] agencies continued through exchanges of reports and personnel. ORR representatives participated in [REDACTED] conferences on land 25X1X7
armaments, electronics, aircraft, shipbuilding and guided missiles.

b. Coordination between the military branches of ORR and their service counterparts continues at an effective working level. The Shipbuilding Branch has reached an agreement with ONI to coordinate USSR shipbuilding estimates annually through the Shipbuilding Subcommittee of the EIC.

c. ORR has cooperated in the activities of the USIB Guided Missile and Astronautics Intelligence Committee (GMAIC) as the principal contributor of economic and deployment intelligence.

6. Other Items

- None -